Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Ecology and Equilibrium Worksheet

Organism: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. List all of the other organisms and parts of the ecosystem your organism must interact with to survive.

2. Draw your organism and include all of the parts of the ecosystem listed above

3. What are biotic and abiotic factors?

4. What are the abiotic factors that you depicted in your drawing?

5. What are the biotic factors that you depicted in your drawing?

6. List and define the 5 organizational levels. Did you represent any of them in your drawing? Which ones? Label the organizational levels you represented in your drawing.

6. Define equilibrium in an ecosystem in your own words.

7. Predict the chain of events that would happen if one element of this ecosystem were removed. How would removing this element affect equilibrium? Would your organism be the only one affected?